



**Title: Product specifications for model 1518**

**Product Specifications**

<b>sensor type</b>	diaphragm
<b>functions</b>	gauge, gauge/switch, switch <i>Compound dials: right side pressure scale/left side vacuum scale unless otherwise noted</i>
<b>min. range</b>	8-0-8 psid
<b>max. range</b>	50-0-50 psid
<b>max. line pressure</b>	1500 pig
<b>min. burst pressure</b>	6000 psig, tested hydraulically (not tested pneumatically)
<b>standard maximum temperature</b>	gauge: 200°F standard, 150°F (plastic lens) gauge/switch: 176°F reed switch, 131°F relay, 150°F (plastic lens) switch: 176°F reed switch, 131°F relay
<b>high temp. construction</b>	gauge: 450°F (ss), 400°F (naval brass), 300°F (alum) gauge/switch, switch: N/A
<b>minimum temperature*</b>	<i>*Consult Factory for low-temperature applications.</i>
<b>calibration accuracy**</b>	±2% of full span*** ascending after rap at room temperature <i>**Calibration accuracy is affected by temperature, and also by liquid-filling and follower-pointer options.      *** Span of a compound gauge is the algebraic difference between the limits of vacuum and pressure scales when both are expressed in the same units</i>
<b>repeatability</b>	±1% of full span
<b>switch &amp; enclosure*****</b>	1 or 2 internal ***** (1) Switch set on pressure scale unless otherwise specified.
<b>switch adjustability</b>	upper 60% of each scale ascending only
<b>switch differential****</b>	**** <i>Consult Factory</i>
<b>certification</b>	CSA (File 043810) IP65 <i>Consult Factory for CE equivalent.</i>

**Standard configuration options**

<b>configuration</b>	<b>unless otherwise specified</b>	<b>standard options available</b>
<b>porting size</b>	1/4" NPT	1/8" NPT, 1/2" NPT, AND and MS ports
<b>porting orientation</b>	(must be specified)	in-line, back, or bottom
<b>direction of pressure</b>	bi-directional	N/A
<b>calibration medium</b>	air	N/A
<b>switches &amp; relays*****</b>	(must be specified)	-A SPST N/O (120VAC,0.7A,70VA;200VDC,1.0A,50W) -B SPST N/C (120VAC,0.25A,5VA;175VDC,0.25A,5W) -C SPDT (120VAC,0.25A,5VA;175VDC,0.25A,5W) -R2 DPDT relay (contacts:120VAC,28VDC,10A coil:6 to 240VAC,6 to 110VDC)
<b>switch/relay setting</b>	set at top of range ascending	other set points within adjustability ascending or descending
<b>primary wetted parts</b>	(must be specified)	aluminum, 316 ss, naval brass
<b>secondary wetted parts</b>	range springs: 302ss magnets: ceramic	teflon-coated springs and magnets
<b>static seals</b>	buna-N, except viton for high temp	viton, teflon, neoprene, EPDM, fluorosilicone
<b>diaphragm</b>	buna-N, except viton for high temp	viton, neoprene, EPDM, fluorosilicone, silicone
<b>lens</b>	glass	plastic
<b>dial sizes</b>	(must be specified)	2.5", 3.5", 4.5", 6"
<b>dial case styles</b>	(must be specified)	"B" Basic Case (c-clamp available on 4.5" & 6.0") "F" Flanged Case (w/holes for panel mounting)
<b>starting mark on dial</b>	approximately 10% of full scale	N/A